



Agenda

Peru Reverse Trade Mission

Sponsored by:

U.S. Department of Energy (DOE), Clean Cities Program
Gas Technology Institute (GTI)

With support from:

U.S. Trade Development Agency (TDA)

List of Confirmed Participants:

1. Luis Avalos, Regulatory Agency, Organismo Supervisor del la Inversión en Energía (OSINERG)
2. Dante Lagatta, Aguaytia Energy
3. Elvira Moscoso, Metropolitan Municipality of Lima
4. Mayor David Yamashiro, Mayor of Pucallpa
5. Pedro Touzett, Ministry of Energy and Mines
6. Anthony Laub, Ministry of Energy and Mines
7. Juan Cayo, Ministry of Energy and Mines
8. David Quintana, Private Sector Representative
9. Manuel Muñoz, General Manager of Transportation "Chama"
10. Dr. Guillermo Lira, General Research Institute

Clean Cities/gti/TDA Representatives Traveling with Delegation:

1. Marcy Rood, Clean Cities, U.S. Department of Energy (DOE)
2. Mark Perry, Gas Technology Institute (GTI)
3. Maria Reidpath, National Energy Technology Laboratory (NETL), DOE
4. Julie Doherty, Science Applications International Corporation (SAIC)
5. Nancy Checklick, Science Applications International Corporation (SAIC)
6. Tommy Foltz, Blue Energy
7. Marsha Hurtado, U.S. Trade Development Agency (TDA)

Sunday, December 9, 2001

- AM** Delegates arrive in Los Angeles, CA, Julie Doherty and Nancy Checklick Meet Delegates and travel to Hilton Los Angeles Airport, 5711 West Century Boulevard, Los Angeles, 90045, tel. 310-410-4000, www.hilton.com
- 6:30 PM** Depart Lobby of Los Angeles Airport Hilton for Restaurant
- 7:00 PM** Delegation has orientation dinner with:
- Ms. Marcy Rood, Deputy Director, Clean Cities Program, DOE; and
 - Mr. William Liss, Gas Technology Institute (GTI)
 - Ms. Maria Reidpath, National Energy Technology Laboratory (NETL), DOE

- Mr. Thomas P. Foltz, Private Sector Clean Cities International Representative/Blue Energy
- Ms. Julie P. Doherty, Clean Cities International Consultant
- Ms. Nancy Checklick, Clean Cities International Consultant
- Ms. Sheri VanHooser, DRV Energy Inc.
- Lisa Wunder, Clean Cities Los Angeles

Restaurant-Chart House Restaurant, 231 Yacht Club Way, Redondo Beach, CA 90277

Monday, December 10, 2001

8:00 AM Depart Lobby of Los Angeles Airport Hilton

9:00 AM Arrive at IMPCO Technologies, 16804 Gridley Place, Cerritos, CA 90703

11:15 AM Arrive Gas Company Tower

11:30 AM Presentation by Steve Anthony, SoCalGas, Conference Room 23N

12:15 PM Lunch hosted by SoCalGas, Conference Room 23 N

1:30 PM Visit ENRG Alameda Station

2:00 PM Visit MTA Station

3:00 PM Visit ENRG LAX Station

4:30-5:30 PM Meeting with Marsha Hurtado, Trade Development Agency (TDA), Sandra Donzella, Business Development Officer, Ex-Im Bank and U.S. Manufacturers at Ex-Im Bank Offices, One World Trade Center, Suite 1670, Long Beach, CA 90831

Tuesday, December 11, 2001

8:00 AM Depart Lobby of Los Angeles Airport Hilton

9:00 AM Tour of NGV EcoTrans Facilities, 2424 East Olympic Blvd., Bldg. #3 Los Angeles, CA 90021-2902-confirmed

12:00 PM Open Lunch

2:00 PM Depart for Palm Springs, Lobby of Los Angeles Hilton

@ 5:00 PM Arrive in Palm Springs, CA
Delegation will stay at the Hilton Palm Springs, 400 East Tahquitz Canyon Way, Palm Springs CA 92262-6605, tel. 760-320-6868, www.hilton.com

Wednesday, December 12, 2001

9:45 AM Delegation Departs Palm Springs Hilton Lobby for College of the Desert in NGV Provided by Sunline Transit

10:30 AM-12:00 PM College of the Desert, Palm Springs, CA

12:30 PM	Arrive at Sunline Transit Agency, Box Lunch in Sunline Transit Education Room
1:30-3:00 PM	Tour of Sunline Transit Agency
PM	Meeting with Representatives from Martech International and the U.S. Department of Commerce/Export Assistance Center at the Hilton Palm Springs-tentative

*For additional information, please contact Marcy Rood, DOE, tel. 202-586-8161, Email: marcy.rood@ee.doe.gov, Julie Doherty, SAIC, tel. 703-676-5253, Email: julie.p.doherty@saic.com and/or Nancy Checklick, SAIC, tel. 703-676-5750, Email: nancy.e.checklick@saic.com.

**Please note that consultants traveling with the delegation and can be reached on their cell phones: Julie P. Doherty (703-371-6077) and Nancy Checklick (202-302-1785).

Background on Organizations/Representatives Listed on Peru Reverse Trade Mission Agenda

Delegation:

Ministry of Energy and Mines

Av. Las Artes Sur

Nro. 260

San Borja

Lima, Peru

<http://www.mem.gob.pe/>

Regulatory Agency (Organismo Supervisor del la Inversion en Energia, OSINERG)

Bernardine Av. Monteagudo No. 222

Magdalena of the Sea

Lima, Peru

Tel.: 264-0450

Fax: 264-2722

osinerg@osinerg.org.pe

www.osinerg.org.pe

To control at national level the fulfillment of the legal and technical dispositions related to the activities of the electricity and hydrocarbon industries, as well as of referring the legal and technical norms to the conservation and protection of the environment in the development of these activities.

Aguaytia Energy

<http://www.aguaytia.com/>

The Gas Deposit of Aguaytia was discovered in 1961 by Mobil, and remained unexploited for more than 30 years. In 1993, The Maple Gas Corporation gained control of the contract to develop the Aguaytia gas deposit, which was signed with Perupetro in 1994. In November 1995, the Aguaytia Energy Consortium of Peru was formed in order to finance, build, and operate the integrated energy project of Aguaytia. The building stage of the project started on August 1996, and on July 20, 1998 the project began its operations.

The Aguaytia Project represents an innovation in project finance in Latin America. It is the first commercial project of its kind in Latin America with financing of long-term debt without assets guarantee to the subsidiaries. Aguaytia Energy is property of the subsidiaries from the following companies: The Maple Gas Corporation del Perú; Duke Energy International; El Paso Energy International Company; Illionova Generating Company; Power Markets Development Company; and Seuder Latin American Power Fund. The complementary financing, not associated with the social capital, has been obtained from three sources: TCW Assets Management Company; Inter-American Development Bank; and Wiese Bank Ltd.

Metropolitan Municipality of Lima

<http://www.munlima.gob.pe/>

Pucallpa, Peru

Pucallpa is situated at 154 m.s.n.m and 842 kilometers from Lima, located near the left rim of the Ucayali river in the district of Cayeria, the most important fluvial point of the central jungle. It was founded on the October 13, 1888 and the origin of the name signifies "Tierra Roja" for the composition of the ground.

Industry Participants:

College of the Desert
Desert Community College District
43500 Monterey Avenue
Palm Desert, CA 92260
Tel: (760) 346-8041
<http://www.desert.cc.ca.us/>
<http://desert.cc.ca.us/ettc/index.html>

The need for certified technicians to service, convert, repair and maintain low emission vehicles fueled by methanol, ethanol, propane, natural gas and electricity is already great and growing. To meet this challenge, the Energy Technology Training Center (ETTC) was founded at College of the Desert in Palm Desert, CA. In 1993, the ETTC became the West Coast's first center to focus exclusively on alternative energy technology training, demonstration and resource sharing.

IMPCO
16804 Gridley Place
Cerritos, CA 90703
Phone: (562) 860-6666
Fax: (562) 809-1240
E-mail: info@impcو.ws

IMPCO is a leading designer, manufacturer and supplier of advanced fuel storage, fuel delivery and electronic control systems that allow internal combustion engines to operate using clean burning gaseous fuels such as hydrogen, propane and natural gas. IMPCO's advanced fuel system technologies are designed to optimize efficiency and performance by electronically sensing and regulating the proper proportion of fuel and air used by internal combustion engines. IMPCO is a major supplier to original equipment manufacturers in the automotive, materials handling industrial and power generation industries. IMPCO supports its global aftermarket through a network of more than 400 Distributors and Service Parts Organizations. Through IMPCO's wholly owned subsidiary, Quantum Technologies, Inc. the company participates in the emerging fuel cell market by supplying enablement technologies and products in fuel storage, fuel metering and delivery, electronic controls and system integration. IMPCO has key offices and facilities worldwide including: North America, Central America, South America and the Pacific Rim.

Los Angeles Metro Transit Administration Transit Bus Facility
Hosted by Southern California Edison
Los Angeles, CA

NGV Ecotrans Group LLC.,
2424 East Olympic Blvd., Bldg. #3
Los Angeles, CA 90021-2902
Tel.: 213-627-3333
Fax: 213-683-0962

NGV Ecotrans Group LLC, based in East Los Angeles, was established in May 1993 with the purpose of providing the finest quality natural gas vehicle (NGV) repowers and conversions in the Western U.S. The Los Angeles-based operations includes an unique 60,000 sq. ft facility that accommodates up to 24 40-foot buses end to end in four production lines. Also unique to NGV Ecotrans is their own 3,600 psi permanent CNG refueling station, situated immediately outside our production lines. In addition, all critical work (e.g., high-pressure lines and fittings, engine installations, etc.) are done in house and approved by our quality control department. Our product offerings include, but are not limited to:

- ?? Repower Engineering and Installations;
- ?? Fuel System Engineering and Installations;
- ?? Conversions;

- ?? NGV Parts and Service (Light to Heavy-duty NGV's);
- ?? Natural Gas OEM Transit Bus Warranty Service; and
- ?? Natural Gas/Electric Hybrid Vehicles

NGV Ecotrans engineers are involved in the following types of design: Engine Interface Design, Hardware Design, Packaging Design. NGV Ecotrans Engineering displays expertise in:

- ?? Vehicle Repower (CNG, LNG)
- ?? Bi-fuel System
- ?? Mechanical Analysis
- ?? Structure Design
- ?? Interface Wiring Harness Design

SunLine Transit Agency
32-505 Harry Oliver Trail
Thousand Palms, CA 92276-3501
Tel.: 760-343-3451
Fax: 760-343-3456

SunLine is comprised of two Joint Power Authorities (JPS), SunLine Transit Agency and SunLine Services Group, and a 501© non-profit organization, Community Partnerships of the Desert. SunLine is funded by 59% local transportation funds, 19% farebox, 15% Measure A, 6% Federal funding, and 1% Other revenue. SunLine shares information with transit agencies, companies, legislators and researchers worldwide and has become an international leader in clean fuels.

With its private sector partner Pickens Fuel Corp., SunLine operates public access CNG stations under the name "SunGas," LNG stations for heavy-duty trucks, and hydrogen fueling stations. In 1994, SunLine became the first public transit fleet in the U.S. to park all its diesel buses and switch overnight to a fleet operated 100% by clean burning CNG. In April 2000, SunLine became the first public transit agency in the world to use hydrogen generated onsite from renewable technologies to power zero emission fuel cell and Hythane vehicles. SunLine is testing the XCELLSIS Zebus, the only zero-emission fuel cell bus in the U.S. today. SunLine is also a popular test site for new environmentally friendly fuels and products.

Hosts:

U.S. Department of Energy, Clean Cities International Program
1200 Independence Ave., SW
Washington, DC
Tel.: 1-800-CCITIES
cities@nrel.gov
<http://www.ccities.doe.gov/international/>

Modeled after the U.S. Department of Energy's (DOE) Clean Cities Program, Clean Cities International aims to expand the successful U.S. program to other interested countries. The environmental benefits of using alternative fuels are clear, and all nations can profit from cleaning their air, producing their fuels domestically, and enhancing local economic activity. Clean Cities International is successfully using its experience in North America to help international communities realize the benefits of alternative fuel vehicles (AFVs). Clean Cities International works with governments, organizations, and individuals to help them establish foundations for viable alternative fuel markets. The Program thus helps to achieve energy security and environmental quality goals on local, national, and international levels. The Clean Cities Program takes a unique, voluntary approach to AFV development, working with coalitions of local stakeholders to help develop local strategies and initiatives to integrate AFVs into the local transportation sector.

Gas Technology Institute (GTI)

1700 South Mount Prospect Road
DesPlaines, IL 60018-1804
Tel.: 847-768-0500
GTI-adm@gastechnology.org

GTI provides energy and environmental products and services with a focus on natural gas. Programs of this kind allow organizations to out-source all or part of their technology function and implement technology solutions to gain competitive advantage.

U.S. Trade Development Agency
1621 North Kent Street, Suite 200
Arlington, VA 22209-2131
Tel: 703-875-4357
Fax: 703-875-4009
info@tda.gov
<http://www.tda.gov/>

Since the U.S. Trade and Development Agency's (TDA) inception in 1981, we have been associated with approximately \$16.8 billion in exports. TDA is a small, independent federal agency. Because of our size and management style, we respond quickly to assist U.S. companies in capitalizing on overseas business opportunities and responding to foreign competition. In Fiscal Year 2000, TDA obligated \$51.7 million for U.S. firms in more than 63 strategically targeted developing and middle-income countries in the following regions: Africa/Middle East; Asia/Pacific; Central and Eastern Europe; Latin America and the Caribbean; and the New Independent States (NIS). TDA primarily is involved in these sectors: agriculture; energy; environment; health care; information technology manufacturing; mining and minerals development; telecommunications; transportation; and water resources. TDA, through the Trade Promotion Coordinating Committee (TPCC), works closely with the Department of Commerce, The Export-Import Bank, the Overseas Private Investment Corporation, and other export promotion agencies to advance American business interests abroad.